Daily Diary Report by Bid Item

Contract No.: **04-0120F4**

Diary #: **830** **Const Calendar Day:** 322 **Date:** **22-Apr-2013** **Monday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Intermittent
Shift Hours: 07:00 am 03:30 pm **Break:** 00:30 **Over Time:**
Federal ID:
Location:
Reviewer: **Schmitt, Alex** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** 60 - 70 **12 PM** 70 - 80 **4PM** 70 - 80
Precipitation 0.00" **Condition** Mostly sunny to partly cloudy

Working Day ☐ If no, explain:

Diary:

Dispute ☐

Work description.

- Attended weekly SAS staff meeting at 8:00am, expressed my concern and asked questions regarding the failed E2 Shear Key anchor rods. Specifically asked about the corrosion of rods due to standing water in blockouts and failure at the bottom threaded portion of the rod/nut which likely can't be seen by the boroscope. As stated before, I raised the issue to ABF regarding the standing water in these blockouts on many occasions during construction. Also inquired about the locations of drilling into the E2 cap beam and rebar for the proposed retrofit.

- Checked on the status of the W2 cap beam Class 1 finish and crack repair before removal of the suspended platform. As of today these tasks have not been performed by ABF or their subcontractors.

- Performed miscellaneous informal inspections around the jobsite today. The connection of the upper dresser couplers for the W2 cable tie-downs was inspected. See photos below for more details of the findings for this inspection. Wrote an email to pertinent Caltrans and TY-Lin personnel expressing my concerns over these findings and to add this item to the W2 punchlist. It is my opinion that this issue needs to be resolved/fixed sooner rather than later.

Attachment

Cable tie down HDPE pipes that are no longer plumb due to the slipping of the upper dresser coupling connection which is failing.

Cable tie down upper dresser couplers seen slipping down the bottom section of the steel pipe blockout stub.

Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name** Bruce, Matt **Diary #:** 830 **Date:** 22-Apr-2013 Monday

Closeup of the cable tie down upper dresser couplers slipping, notice the top black mark placed by SDI ironworkers in the fall of 2009.

ABF ironworkers began to remove the North Mainspan catwalk today.

Bolts need to be replaced for the W2 retaining wall ladders at both column casings.

Failed upper dresser coupler connection for the cable tie down HDPE pipes along the E-Line on the far north east tendon looking west.

Closeup of the cable tie down upper dresser couplers slipping down the steel bottom pipe blockout stub, notice the skid marks on the steel.

Failed connection of the upper dresser coupler rubber gasket friction connection.

Bottom connection of the cable tie down exterior corrosion protection system which appears to be keeping water out.

Cable tie down HDPE pipes that are no longer plumb due to the slipping of the upper dresser coupling connection which is failing.